

## ***“Safety in Excavation”***

### **90-Minute Program Outline**

The 90-minute program is offered from time to time at our customers' request. It is offered both at our facility and at other location across Utah as requested by our customers. We occasionally also provide seminars to construction trade groups during various conventions by invitation.

- 1. Introduction** **10 - Minutes**
  - a. The Current OSHA Standard
  - b. Definitions
- 2. General Requirements** **30 - Minutes**
  - a. Competent Person
  - b. General Requirement for Safe Excavations
- 3. Requirements for Protective Systems** **10 - Minutes**
  - a. Sloping and Benching
  - b. Shield Systems
  - c. Support Systems
  - d. Engineered Exceptions
- 4. Soils Classification and Analysis** **10 - Minutes**
  - a. Definitions
  - b. Soil Analysis Methods
  - c. Soil Classification Procedures
- 5. Solutions for Compliance** **30 - Minutes**
  - a. Application of:
    - i. Slopes,
    - ii. Shields,
    - iii. Shoring and
    - iv. Engineered Exceptions
  - b. Job Site Photograph Evaluations